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HEAVY ELECTRICAL MACHINERY FOR USSR CONSTRUCTION PROJECTS

DINAMO PLANT UNDERTAKES OBLIGATIONS FOR 1953 -- Moscow, Moskovskaya  
Pravda, 31 Jan 53

The Moscow Dinamo Plant has undertaken the following obligations for  
1953:

1. To fulfill the 1953 state plan by 18 December.
2. To increase the 1953 output of its basic product, crane and metallurgical electrical equipment, 16 percent above that of 1952.
3. To assure early planning, production, and delivery of high-quality electrical equipment for the large construction projects.
4. To exceed the 1953 plan for labor productivity by 2 percent.
5. To exceed the 1953 quota for reducing production costs and to save at least 2 million rubles above the plan.
6. To organize, during the first 6 months of 1953, continuous production of alternating current crane and metallurgical electrical equipment in the second machine shop, third machine shop, and first equipment (apparatnyy) shop, and likewise to organize conveyor assembly of consumers' goods.
7. To obtain the following results by the introduction of new methods, advanced technology, and mechanization of labor-consuming work:
  - a. To use during the first quarter 1953 a new series of controllers weighing 30 percent less and costing 10 percent less than those used now.
  - b. To organize the production of new, more efficient electrical traction equipment for the city subway with independent suspensions for the motors, which will weigh half as much, cost 25 percent less, and consume 20 percent less labor than the motors used now.

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c. To produce two types of induction motor squirrel-cage rotors using 50 percent less nonferrous metals and requiring 15 percent less time for their production.

d. To produce a new series of direct current disc brakes weighing 30 percent less and costing 15 percent less than those now used.

e. To mechanize the production of housings for type V protective apparatus by replacing manual operations with mechanical stamping and thus reducing labor consumption 15 percent.

8. In cooperation with the All-Union Electrical Engineering Institute, to produce new heat-resistant insulation, remote and automatic controls (tele-upravleniye i telekontrol'), and to produce high-quality, reliable electrical equipment for suburban rail motor cars, crane electrical equipment, and electrical equipment for sluice mechanisms of large construction projects.

9. To save at least 1,000 tons of metal in 1953 by introducing new designs and new technological processes.

10. To reduce waste from rejects in 1953 10 percent below that of 1952.

11. To save 1.5 million kilowatt-hours of electric power in 1953.

Alma-Ata, Kazakhstanskaya Pravda, 15 Jan 53

The Moscow Dinamo Plant has shipped a consignment of electric crane motors to the Kzyl-Ordainskaya Dam construction project. These motors are designed for electric vibrators used for driving metal pilings.

HYDROGENERATOR FOR MINGECHAUR GES -- Minsk, Sovetskaya Belorussiya, 17 Jan 53

The Leningrad Elektrosila Plant imeni S. M. Kirov is building a heavy-duty hydrogenerator for the Mingeaur GES project. This newly designed machine weighs 50 tons less than any other machine of corresponding capacity and quality.

New designs of generators for other construction projects have made it possible to realize a 15-percent saving in metal.

TO BUILD OVER 100 TRANSFORMERS FOR TWO PROJECTS -- Stalinabad, Kommunist Tadzhikistana, 22 Jan 53

The Moscow Transformer Plant recently shipped a large transformer to the Ust'-Kamenogorsk GES project. This is the second large transformer built ahead of schedule in 1953 for new construction projects.

The plant will build over 100 aggregates in the first quarter 1953 for the Stalingrad and Kuybyshev GES projects. The large transformer for the Mingeaur GES project will be completed 2 weeks ahead of schedule.

SHIPS TRANSFORMERS -- Kiev, Pravda Ukrainy, 27 Jan 53

The Zaporozh'ye Transformer Plant has shipped a consignment of powerful transformers and a large quantity of distribution systems to the Volga-Don Canal project.

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